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## ENCRYPTION GATEWAY DEVICE

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### Abstract

**PROBLEM TO BE SOLVED:** To provide an encryption gateway device by which encryption communication with high security is realized without giving effect on the hardware and the application program of an existing terminal.

**SOLUTION:** Encryption gateway devices 1, 2 are placed on a border between local area networks 4, 5 and the internet 3 and encrypted data are transferred only through the internet 3 and key data are transferred through a route of a public network 6. Since the encrypted data and key data to decode the encryption are transferred through the routes physically different from each other, communication with high security is realized and since the encryption data are communicated without special revamping of a destination terminal, the cost increase to secure the confidentiality is minimized.

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